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☐ 1. Document ID: US 20070096736 A1

L83: Entry 1 of 18

File: PGPB

May 3, 2007

PGPUB-DOCUMENT-NUMBER: 20070096736

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070096736 A1

TITLE: Mri rf surface coil with reduced sensitivity in proximity of conductors

PUBLICATION-DATE: May 3, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kleihorst; Robert Paul	Eindhoven		NL
Warntjes; Jan Bertus Marten	Eindhoven		NL

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw	Desc	Image			

☐ 2. Document ID: US 20070030003 A1

L83: Entry 2 of 18

File: PGPB

Feb 8, 2007

PGPUB-DOCUMENT-NUMBER: 20070030003

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070030003 A1

TITLE: Rf surface coil for use in mri with reduce sensitivity close to the conductors

PUBLICATION-DATE: February 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Warntjes; Jan Bertus Marten	Eindhoven		NL

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 3. Document ID: US 20060264738 A1

L83: Entry 3 of 18

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060264738

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060264738 A1

TITLE: Method and apparatus for examining a substance, particularly tissue, to characterize its type

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hashimshony; Dan	Givat Ada		IL
Cohen; Gil	Jerusalem		IL

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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☐ 4. Document ID: US 20060119358 A1

L83: Entry 4 of 18

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060119358

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060119358 A1

TITLE: Coil array for magnetic resonance imaging

PUBLICATION-DATE: June 8, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Doddrell; David Michael	Westlake		AU
Crozier; Stuart	Wilston		AU
Luescher; Kurt	Indooroopilly		AU
Roffman; Wolfgang Udo	Mount Gravatt East		AU

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

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☐ 5. Document ID: US 20030173967 A1

L83: Entry 5 of 18

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030173967

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030173967 A1

TITLE: Passively shimmed principal detector elements for toroid cavity detector NMR probes

PUBLICATION-DATE: September 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gerald, Rex E. II	Brookfield	IL	US
Rathke, Jerome W.	Homer Glen	IL	US

US-CL-CURRENT: [324/322](#); [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 6. Document ID: US 20030117141 A1

L83: Entry 6 of 18

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030117141

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030117141 A1

TITLE: NMR detector for supported monolayer and multilayer films

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gerald, Rex E. II	Brookfield	IL	US
Iton, Lennox E.	Downers Grove	IL	US
Rathke, Jerome W.	Lockport	IL	US

US-CL-CURRENT: [324/322](#); [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 7. Document ID: US 20030016019 A1

L83: Entry 7 of 18

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030016019  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030016019 A1

TITLE: Nuclear magnetic resonance imaging apparatus

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gerald, Rex E. II	Brookfield	IL	US
Klingler, Robert J.	Westmont	IL	US
Rathke, Jerome W.	Lockport	IL	US

US-CL-CURRENT: 324/322; 324/318, 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 8. Document ID: US 7279898 B2

L83: Entry 8 of 18

File: USPT

Oct 9, 2007

US-PAT-NO: 7279898  
 DOCUMENT-IDENTIFIER: US 7279898 B2

TITLE: MRI RF surface coil with reduced sensitivity in proximity of conductors

DATE-ISSUED: October 9, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20070096736 A1	May 3, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kleihorst; Robert Paul	Eindhoven			NL
Warntjes; Jan Bertus Marten	Eindhoven			NL

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc
						Image

☐ 9. Document ID: US 7242192 B2

L83: Entry 9 of 18

File: USPT

Jul 10, 2007

US-PAT-NO: 7242192

DOCUMENT-IDENTIFIER: US 7242192 B2

TITLE: RF surface coil for use in MRI with reduce sensitivity close to the conductors

DATE-ISSUED: July 10, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20070030003 A1

February 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warntjes; Jan Bertus Marten	Eindhoven			NL

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc
						Image

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☐ 10. Document ID: US 6791326 B2

L83: Entry 10 of 18

File: USPT

Sep 14, 2004

US-PAT-NO: 6791326

DOCUMENT-IDENTIFIER: US 6791326 B2

TITLE: NMR detector for supported monolayer and multilayer films

DATE-ISSUED: September 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gerald, II; Rex E.	Brookfield	IL		
Iton; Lennox E.	Downers Grove	IL		
Rathke; Jerome W.	Lockport	IL		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 11. Document ID: US 6788064 B2

L83: Entry 11 of 18

File: USPT

Sep 7, 2004

US-PAT-NO: 6788064

DOCUMENT-IDENTIFIER: US 6788064 B2

TITLE: Passively shimmed principal detector elements for toroid cavity detector NMR probes

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gerald, II; Rex E.	Brookfield	IL		
Rathke; Jerome W.	Homer Glen	IL		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 12. Document ID: US 6674283 B2

L83: Entry 12 of 18

File: USPT

Jan 6, 2004

US-PAT-NO: 6674283

DOCUMENT-IDENTIFIER: US 6674283 B2

TITLE: Nuclear magnetic resonance imaging apparatus

DATE-ISSUED: January 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gerald, II; Rex E.	Brookfield	IL		
Klingler; Robert J.	Westmont	IL		
Rathke; Jerome W.	Lockport	IL		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KWMC	Draw Desc	Image

☐ 13. Document ID: US 6469507 B1

L83: Entry 13 of 18

File: USPT

Oct 22, 2002

US-PAT-NO: 6469507



DOCUMENT-IDENTIFIER: US 6469507 B1

TITLE: Flat metal conductor principal detector element for NMR analysis of a sample

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gerald, II; Rex E.	Brookfield	IL		
Klingler; Robert J.	Westmont	IL		
Rathke; Jerome W.	Lockport	IL		

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference	Abstract	Claims	Drawings	Claims	KMC	Draw Desc	Image

☐ 14. Document ID: US 6263229 B1

L83: Entry 14 of 18

File: USPT

Jul 17, 2001

US-PAT-NO: 6263229

DOCUMENT-IDENTIFIER: US 6263229 B1

TITLE: Miniature magnetic resonance catheter coils and related methods

DATE-ISSUED: July 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atalar; Ergin	Columbia	MD		
Lestio; Jeffrey C.	Brookville	MD		
Charles, Jr.; Harry K.	Laurel	MD		
Carkhuff; Bliss G.	Laurel	MD		
Bottomley; Paul A.	Columbia	MD		

US-CL-CURRENT: 600/423; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Claims	KMC	Draw Desc	Image	

☐ 15. Document ID: US 5872452 A

L83: Entry 15 of 18

File: USPT

Feb 16, 1999

US-PAT-NO: 5872452

DOCUMENT-IDENTIFIER: US 5872452 A

TITLE: Apparatus and method for the generation of gradient magnetic fields for high resolution NMR experiments

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cory; David G.	Boston	MA		
Lewandowski; Joel T.	Oxford	MA		

US-CL-CURRENT: 324/321; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 16. Document ID: US 3080520 A

L83: Entry 16 of 18

File: USOC

Mar 5, 1963

US-PAT-NO: 3080520

DOCUMENT-IDENTIFIER: US 3080520 A

TITLE: Resonant microwave cavity structure

DATE-ISSUED: March 5, 1963

INVENTOR-NAME: O'REILLY DONALD E; POOLE JR CHARLES P

US-CL-CURRENT: 324/636, 324/316, 324/76.51, 324/95

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Claims	Drawings	Desc	Image	

☐ 17. Document ID: US 2999978 A

L83: Entry 17 of 18

File: USOC

Sep 12, 1961

US-PAT-NO: 2999978

DOCUMENT-IDENTIFIER: US 2999978 A

TITLE: Nuclear magnetic resonance measuring apparatus

DATE-ISSUED: September 12, 1961

INVENTOR-NAME: PINKLEY CLYDE W

US-CL-CURRENT: 324/322; 336/231

Full	Title	Citation	Front	Review	Classification	Date		
Reference					Claims	KWMC	Draw Desc	Image

☐ 18. Document ID: US 2996658 A

L83: Entry 18 of 18

File: USOC

Aug 15, 1961

US-PAT-NO: 2996658

DOCUMENT-IDENTIFIER: US 2996658 A

TITLE: Magnetic resonance apparatus

DATE-ISSUED: August 15, 1961

INVENTOR-NAME: KIRCHNER FRANCOIS F; JIMERSON JR LEROY S

US-CL-CURRENT: 324/310

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	K/MC	Draw Desc	Image

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Term	Documents
(77 AND 15).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	18
(L15 AND L77).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	18

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